

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 9/17/2013	(3) CONTACT/PHONE Scott Duffield, Project Manager (805) 788-2316	
(4) SUBJECT Request to approve an agreement for professional engineering services with Cannon in the amount of \$99,740 to design, install, integrate and program the Lopez Turnouts Supervisory Control and Data Acquisition (SCADA) System; and authorize the Director of Public Works to sign amendments in an amount not to exceed \$10,000. Districts 3 and 4.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District): 1. Approve and execute an agreement for professional engineering services (Agreement) with Cannon, in the amount of \$99,740 to design, install, integrate and program the Lopez Pipeline Turnouts SCADA System; and 2. Authorize the Director of Public Works to sign amendments to the agreement in an amount not to exceed the contingency fund amount of \$10,000.			
(6) FUNDING SOURCE(S) Flood Control Zone 3	(7) CURRENT YEAR FINANCIAL IMPACT N/A	(8) ANNUAL FINANCIAL IMPACT N/A	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001326		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A Date:	
(17) ADMINISTRATIVE OFFICE REVIEW			
(18) SUPERVISOR DISTRICT(S) District 3 - District 4 -			

Reference: 13SEP17-C-3

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works
Scott Duffield, Project Manager

VIA: Dean Benedix, Utilities Division Manager

DATE: 9/17/2013

SUBJECT: Request to approve an agreement for professional engineering services with Cannon in the amount of \$99,740 to design, install, integrate and program the Lopez Turnouts Supervisory Control and Data Acquisition (SCADA) System; and authorize the Director of Public Works to sign amendments in an amount not to exceed \$10,000. Districts 3 and 4.

RECOMMENDATION

It is our recommendation that your Honorable Board, acting as the San Luis Obispo County Flood Control and Water Conservation District (District):

1. Approve and execute an agreement for professional engineering services (Agreement) with Cannon, in the amount of \$99,740 to design, install, integrate and program the Lopez Pipeline Turnouts SCADA System; and
2. Authorize the Director of Public Works to sign amendments to the agreement in an amount not to exceed the contingency fund amount of \$10,000.

DISCUSSION

The Lopez Pipeline conveys treated drinking water from the Lopez Water Treatment Plant, and currently has ten existing water delivery turnouts located in underground vaults at various locations along a twenty-five mile pipeline. The Lopez Pipeline delivers water on a wholesale basis to the Cities of Arroyo Grande, Grover Beach, and Pismo Beach, the Oceano Community Services District, and County Service Area No. 12 (CSA 12). CSA 12 provides Lopez Water to Avila Beach CSD, Port San Luis Harbor District, and 18 private parties. Monitoring and controlling flows at each of these turnouts is currently done manually. Converting to the automated SCADA System will provide operational efficiencies and improve response times in emergency situations, or other needs of the Lopez customers.

Project improvements will consist of installation of controls and radio equipment at each of the ten water delivery turnouts along the Lopez pipeline and at the Lopez Water Treatment Plant. It will provide continuous monitoring and control of all turnouts and can be operated remotely via laptop

computer when operators are not at the Treatment Plant. Additionally, the improvements will provide instantaneous alarms to alert operators of equipment malfunctions or other problems and emergencies.

Cannon was selected to design, install, integrate and program the Lopez Pipeline Turnouts SCADA System based on a submitted proposal in accordance with County Purchasing Policies. The SCADA equipment and any other necessary services or equipment for implementation of the system under the agreement will also be obtained in accordance with County Purchasing Policies.

OTHER AGENCY INVOLVEMENT/IMPACT

The Lopez Pipeline provides treated water, on a wholesale basis, to the Cities of Arroyo Grande, Grover Beach, and Pismo Beach, the Oceano Community Services District, and CSA 12.

The Lopez Water (Zone 3) Technical Advisory Committee and Advisory Committee both support the project and have endorsed the work in the current year budget.

County Counsel has reviewed the Agreement as to legal form and effect.

FINANCIAL CONSIDERATIONS

The agreement with Cannon to design, install, integrate and program the Lopez Pipeline Turnouts SCADA System will be funded through the Flood Control Zone 3 budget (Fund 2200500000). The project is budgeted in the current fiscal year under Capital Projects, Lopez Turnout SCADA System in the amount of \$207,500. The contract amount plus contingencies is not expected to exceed \$109,740. The project has been approved in the FY 2013-14 budgets; therefore, no budget adjustment is required.

RESULTS

Approval of the recommended actions will provide for implementation of the Lopez Pipeline Turnouts SCADA system project, providing a level of service that ensures the health and safety of the agencies receiving water deliveries from the Lopez Pipeline.

File: WBS 300500

Reference: 13SEP17-C-3

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ATTACHMENTS

1. Vicinity Map
2. Agreement for Professional Engineering Services with Cannon